

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041540.D
 Acq On : 15 May 2024 15:31
 Operator : JC/MD
 Sample : VX0515WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBL02

Quant Time: May 16 05:26:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.897	128	29452	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	163010	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	146843	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	69059	29.775	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.267%
60) 4-Bromofluorobenzene	11.079	95	62489	27.260	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.867%
63) Toluene-d8	8.647	98	188575	29.958	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%

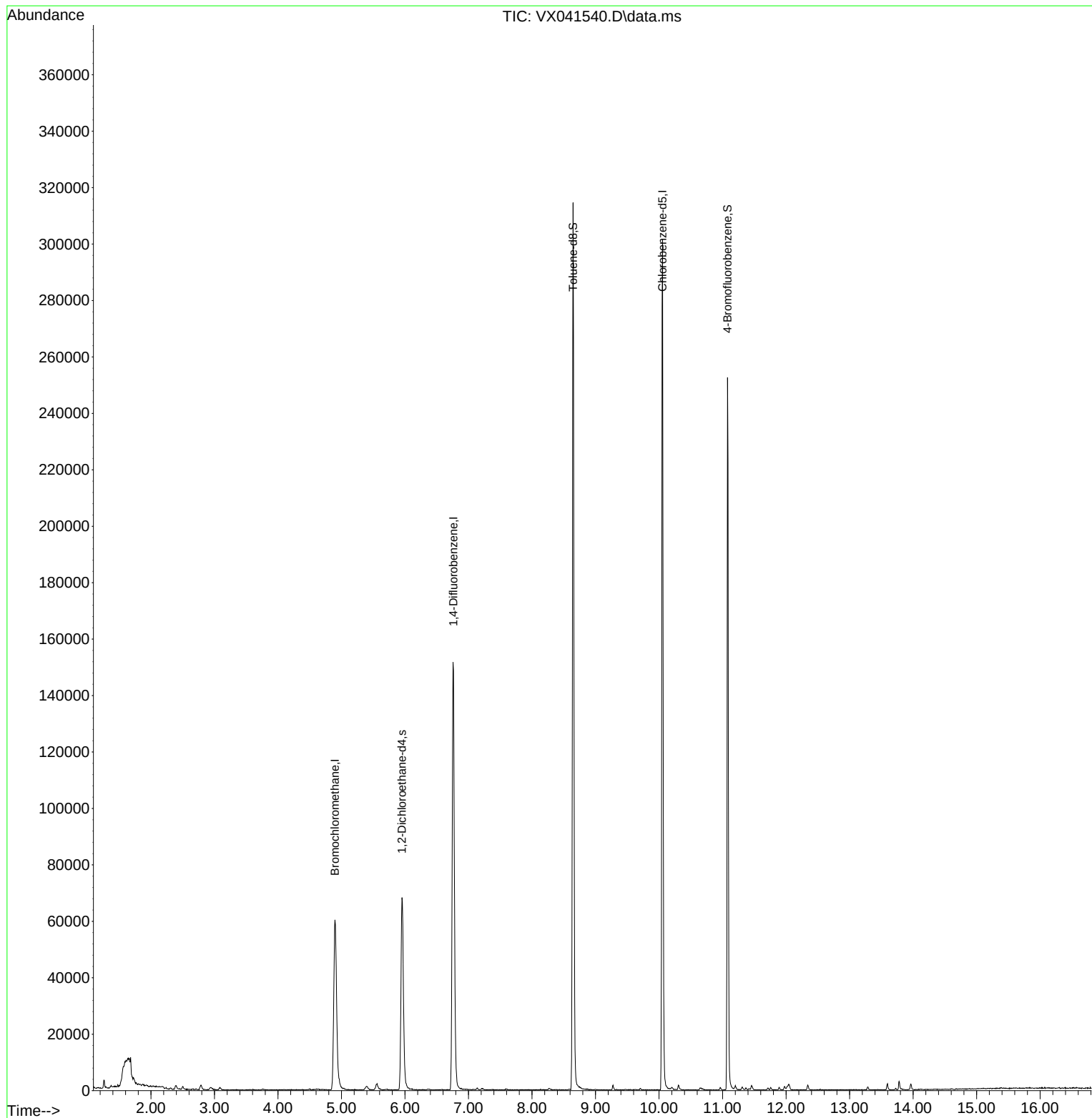
Target Compounds	Qvalue

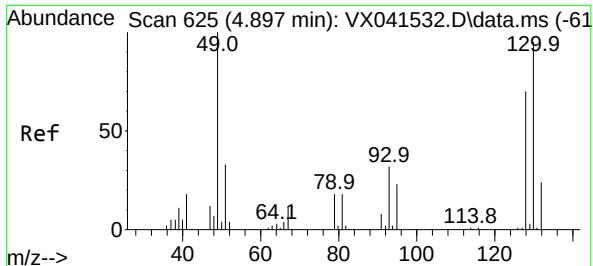
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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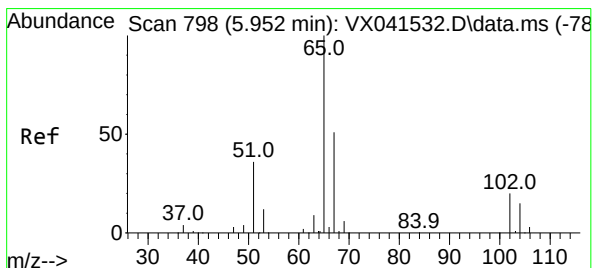
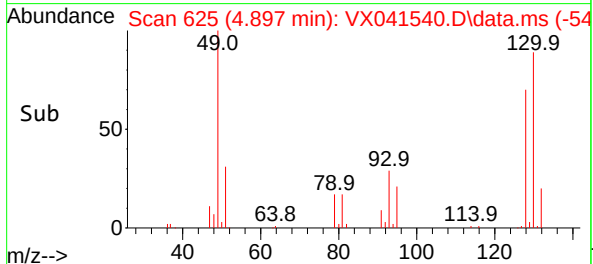
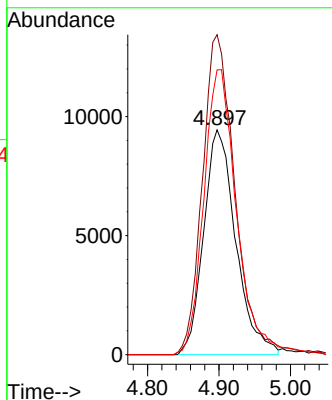
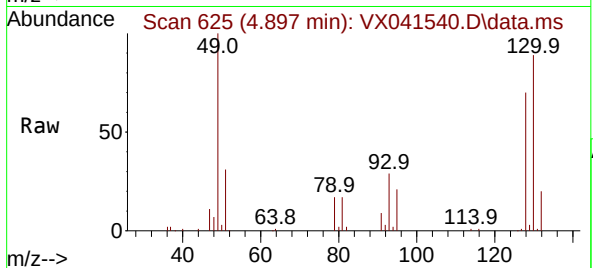




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041540.D
Acq: 15 May 2024 15:31

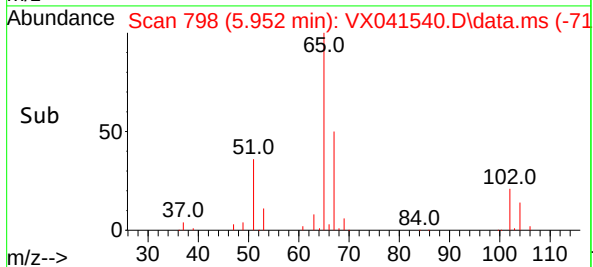
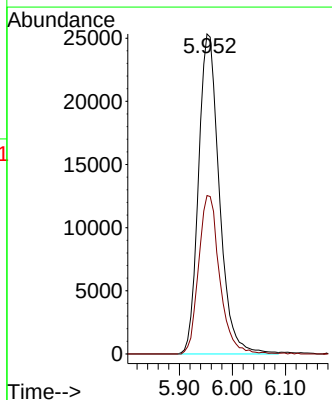
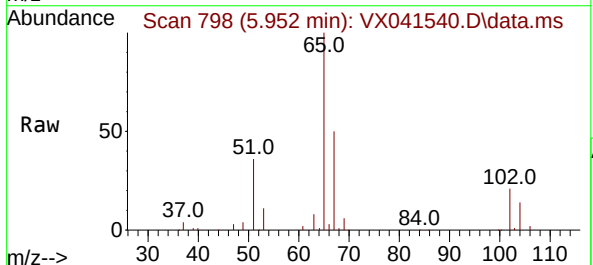
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL02

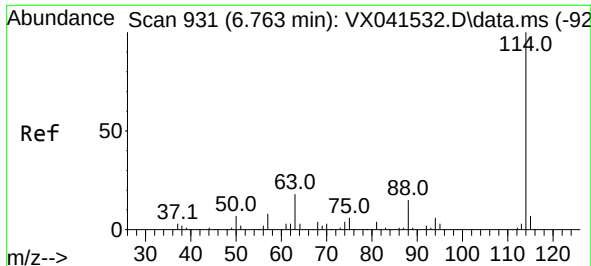
Tgt Ion:128 Resp: 29452
Ion Ratio Lower Upper
128 100
49 143.6 0.0 361.5
130 128.6 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 29.775 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041540.D
Acq: 15 May 2024 15:31

Tgt Ion: 65 Resp: 69059
Ion Ratio Lower Upper
65 100
67 49.8 40.8 61.2

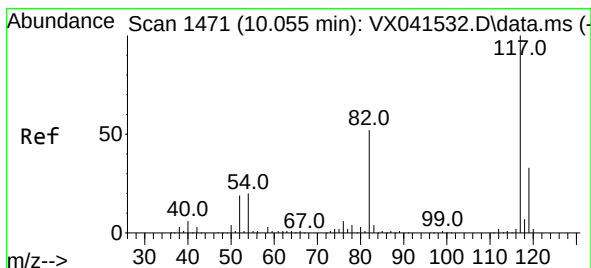
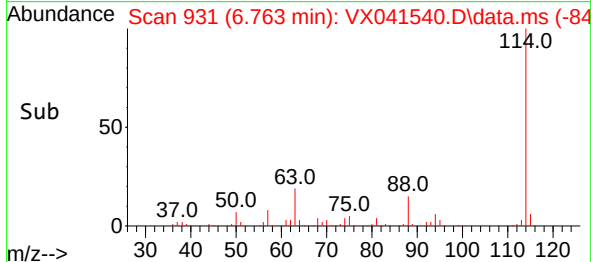
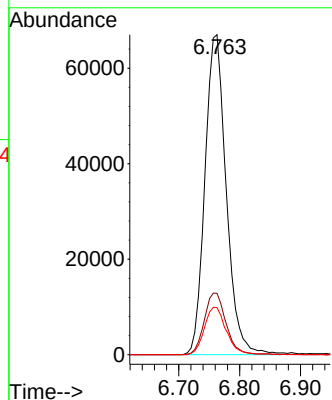
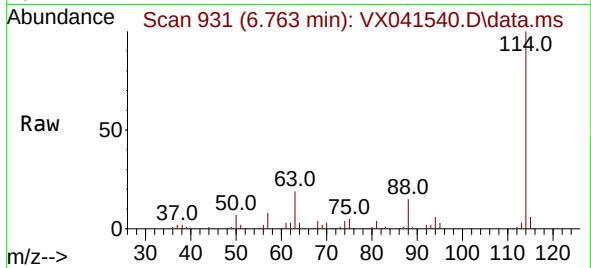




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX041540.D
Acq: 15 May 2024 15:31

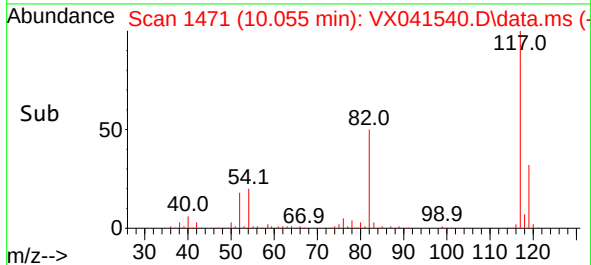
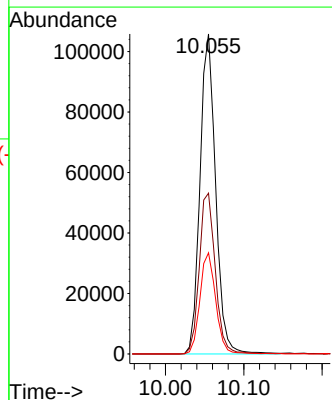
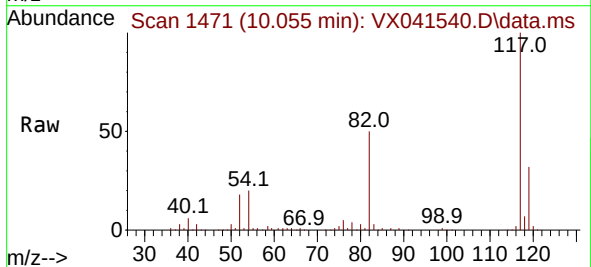
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL02

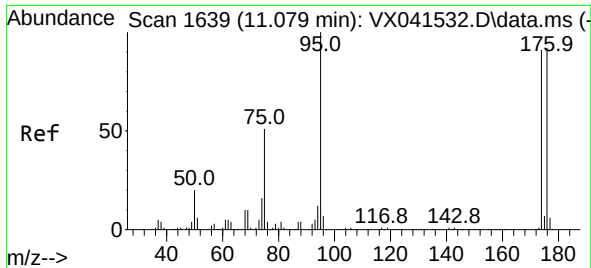
Tgt Ion:114 Resp: 163010
Ion Ratio Lower Upper
114 100
63 19.5 15.4 23.0
88 15.2 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041540.D
Acq: 15 May 2024 15:31

Tgt Ion:117 Resp: 146843
Ion Ratio Lower Upper
117 100
82 51.7 41.7 62.5
119 31.9 25.7 38.5

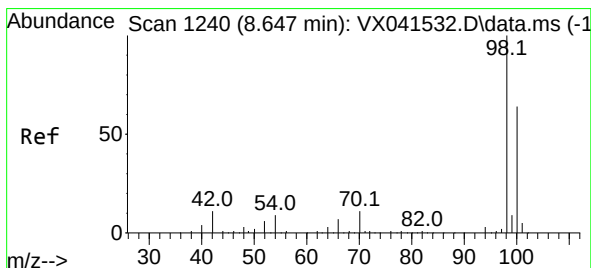
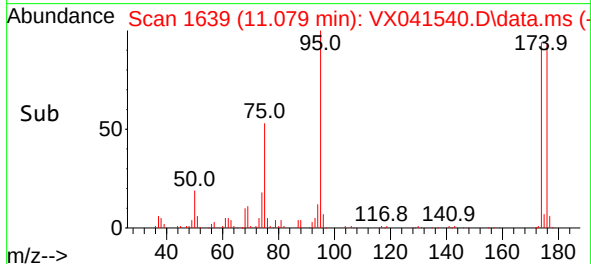
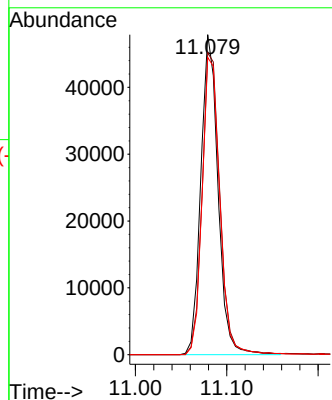
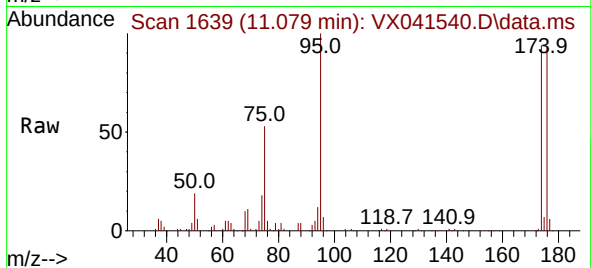




#60
4-Bromofluorobenzene
Concen: 27.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041540.D
Acq: 15 May 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL02

Tgt Ion: 95 Resp: 62489
Ion Ratio Lower Upper
95 100
174 97.5 76.6 115.0
176 95.4 75.4 113.0



#63
Toluene-d8
Concen: 29.958 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041540.D
Acq: 15 May 2024 15:31

Tgt Ion: 98 Resp: 188575
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

